PEO EIS
PEO Enterprise Information Systems

Project Manager,
Transportation Information Systems

TC-AIMS II Fielding
NMIB/Site Survey

Fort Campbell

8 Sep 2004

Presented by
Clifford Williams

Purpose

- Conduct New Material In-brief and site survey to overview how
  TC-AIMS II will assist the command in meeting the requirements of their deployment business process and coordinate the essential material, personnel, and facilities support required to accomplish this fielding
- Validate TC-AIMS II equipment distribution plan
- Validate the TC-AIMS II training distribution plan and proposed schedule
- Initiate Memorandum of Agreement (MoA) process, develop draft document and coordinate key milestones for completion
- Schedule of activities leading to training and identifying outstanding issues and concerns
- Conduct workshop

Typical Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1 8 Sep	0900 – 1700	Business process meeting	ITO, Bde, all DST's, FORSCOM, NGB, and USARC
	1300 – 1700	TIS JPMO visit to DL facilities, ATRRS coordinator and FORCE Mod POC	
Day 2 9 Sep	0900 – 1100	NMIB/Fielding process	ITO, USAR, NGB, Key AC units, and Force mod officer
	1300 – 1700	Active component workshop	ITO and Key AC units
Day 3 10 Sep	0900 – 1130	USAR and USARNG workshop	TBD by NGB and USARC
	1300 – 1700	MOA scrub	ITO, USAR, NGB, and Force mod officer

Agenda

- Conduct NMIB Briefing
- Conduct Workshop
- Conduct Site Survey
- Develop Memorandum of Agreement (MoA)

PM Transportation Information Systems

TIS JPMO Focus

Mission:

Develop, field and support enterprise information systems for the joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

Army Legacy Systems

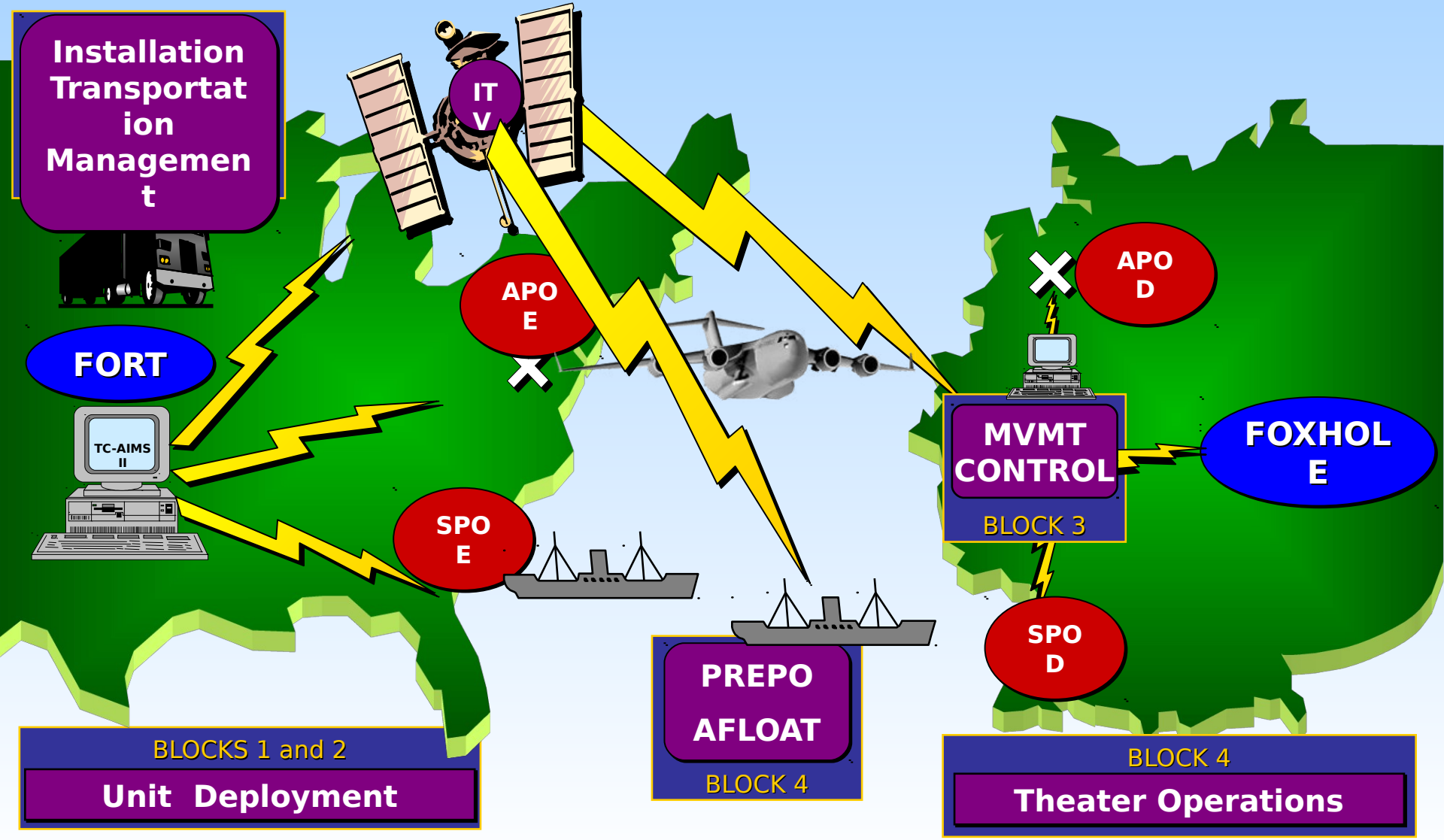
TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

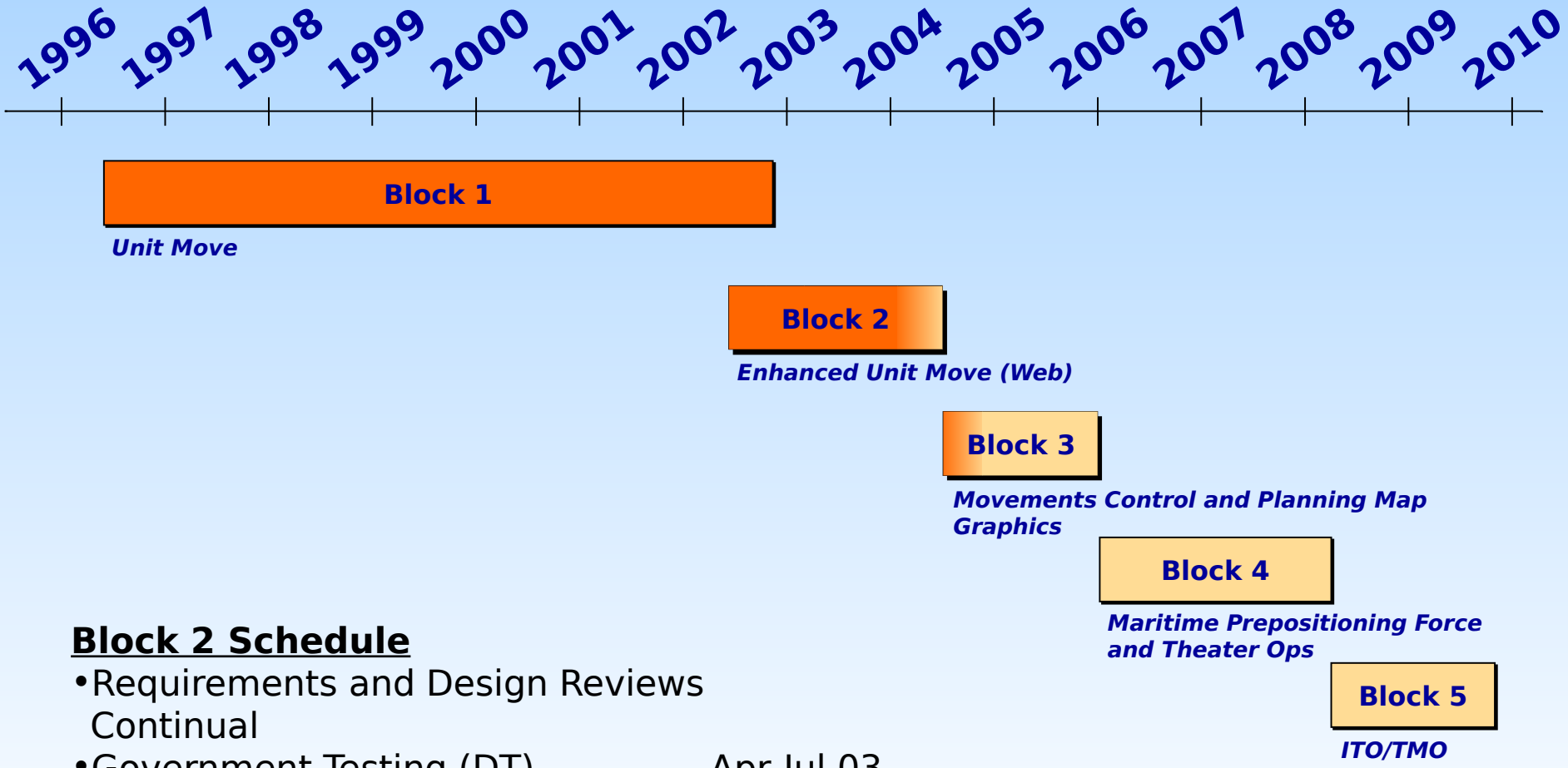
DAMMS-R
Department of the Army Movement Management System-Redesign

Requirements and Acquisition Strategy

Operational View



TC-AIMS II Acquisition Structure
(Funded Across POM)



Block 2 Schedule

- Requirements and Design Reviews Continual
- Government Testing (DT) Apr-Jul 03
- Test and Evaluation (OT) Apr-Jun 04
- Milestone III (Fielding Decision) Jun/Jul 04

TC-AIMS II Unit Movement Capabilities

TC-AIMS II Functional Composition

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SUPPORT UNIT PLANNING

- Maintain equipment list
- Maintain personnel list
- Build unit deployment list
- Create movement plans
- Create convoy plan

PREPARE FOR MOVEMENT

- Label shipment unit
- Document hazardous cargo
- Containerize/palletize cargo
- Schedule movement

EXECUTE MOVEMENT

- Print movement documents
- Transmit ITV data
- Incheck arriving cargo
- Incheck arriving PAX
- Discrepancy reporting

INTERFACES

Unit Personnel | Load Planning | Transportation | Material Management | Planning | Visibility | Unit Assets

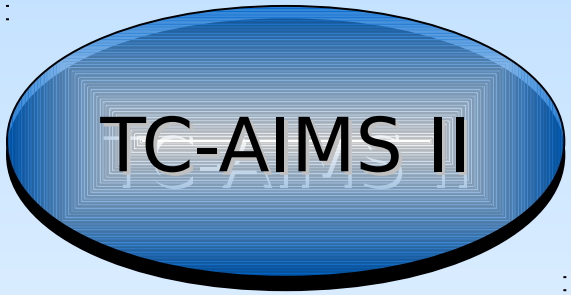
AIT

Linear Bar Code | Optical Memory Car | RFID | 2 Dimensional Bar Code | CAC Cards

JDL

MILSTAMP | Hazardous Cargo | Equipment Characteristics | Location

TC-AIMS II Interfaces



MANAGEMENT
- GTN (J)
- ITV Server (A)

LOAD PLANNING
- AALPS (J)
- CAEMS (MC)
- CALM (J)
- ICODES (J)

MATERIAL MANAGEMENT
- ATLASS (MC)
- ROLMS (MC)

UNIT ASSETS
- LOGMOD (AF)
- MDSS II (MC)
- NCFMIS (N)

TRANSPORTATION
- GATES (J)
- CMOS (J)
- IBS (J)
- GFM-HOST (J)
- PowerTrack (J)
- TC ACCIS (A)
- WPS (J)

UNIT PERSONNEL
- eMILPO (A)
- ITAPDB (A)
- MANPER-B (AF)
- SIDPERS III (A)
- UD/MIPS (MC)

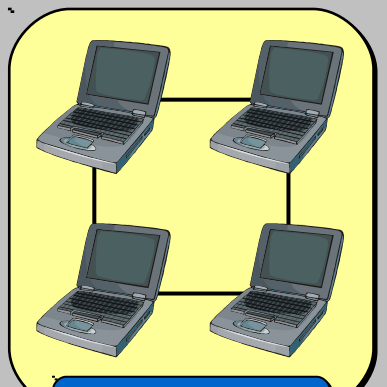
PLANNING
- COMPASS (A)
- JFRG II (J)
- MAGTF II (MC)
- SAAM (J)

Scaleable System

BLOCK 1

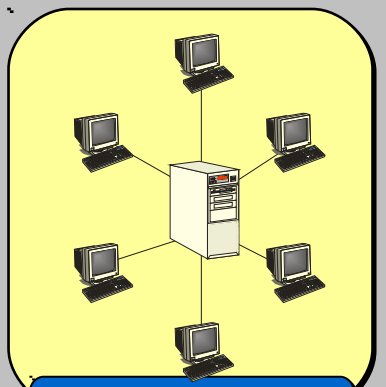
Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases
- Iridium satellite connectivity to global networks



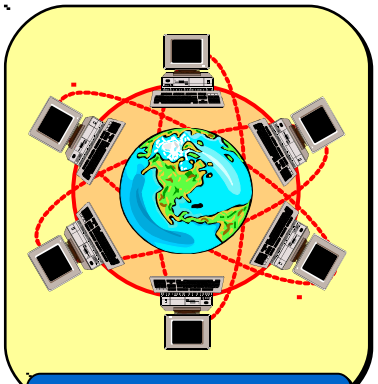
Workgroup

- TC-AIMS II machines connected as a workgroup supports client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Joint Transportation Reference Information Portal (JTRIP) for data services
- Enhanced context sensitive help

BLOCK 2

TC-AIMS II Information Assurance

Information Assurance

- System accredited as sensitive but unclassified
- Has certificate of network worthiness
- Generic SOP for local adaptation
- Requires local administration of user TIS accounts
- ACERT process
  - TIS will test and post results on web site https://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise
- Will provide download site for documentation within 30 days

Key Players in Local User Account Management

Local Administrators

To positively identify users; create TIS accounts; create user application profiles; and manage user accounts for a defined set of units (UICs)

- Meet IT Category II requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive Identification performed by TIS fielding team during NMIB/Site Survey
- Attend local administrator workshop during NMIB/Site Survey

Unit Commander

(or designee) of specific military unit that can authorize access to TIS application and verify roles/responsibilities for access and use of unit data within TIS applications

User Qualifications

- Meet IT Category III requirements verified by IASO
- Roles/responsibilities verified by unit commander
- Positive identification performed by local administrator

Position Category	Civilian	Military	Contractor	Non-U.S. Citizen*
IT-I (SA/IA)	SSBI	SSBI	SSBI	SSBI, if approval granted
IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
IT-III (Users)	NACI	NAC	NAC	NAC

TC-AIMS II Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
Z52950 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

8146 Portable Data Terminal

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

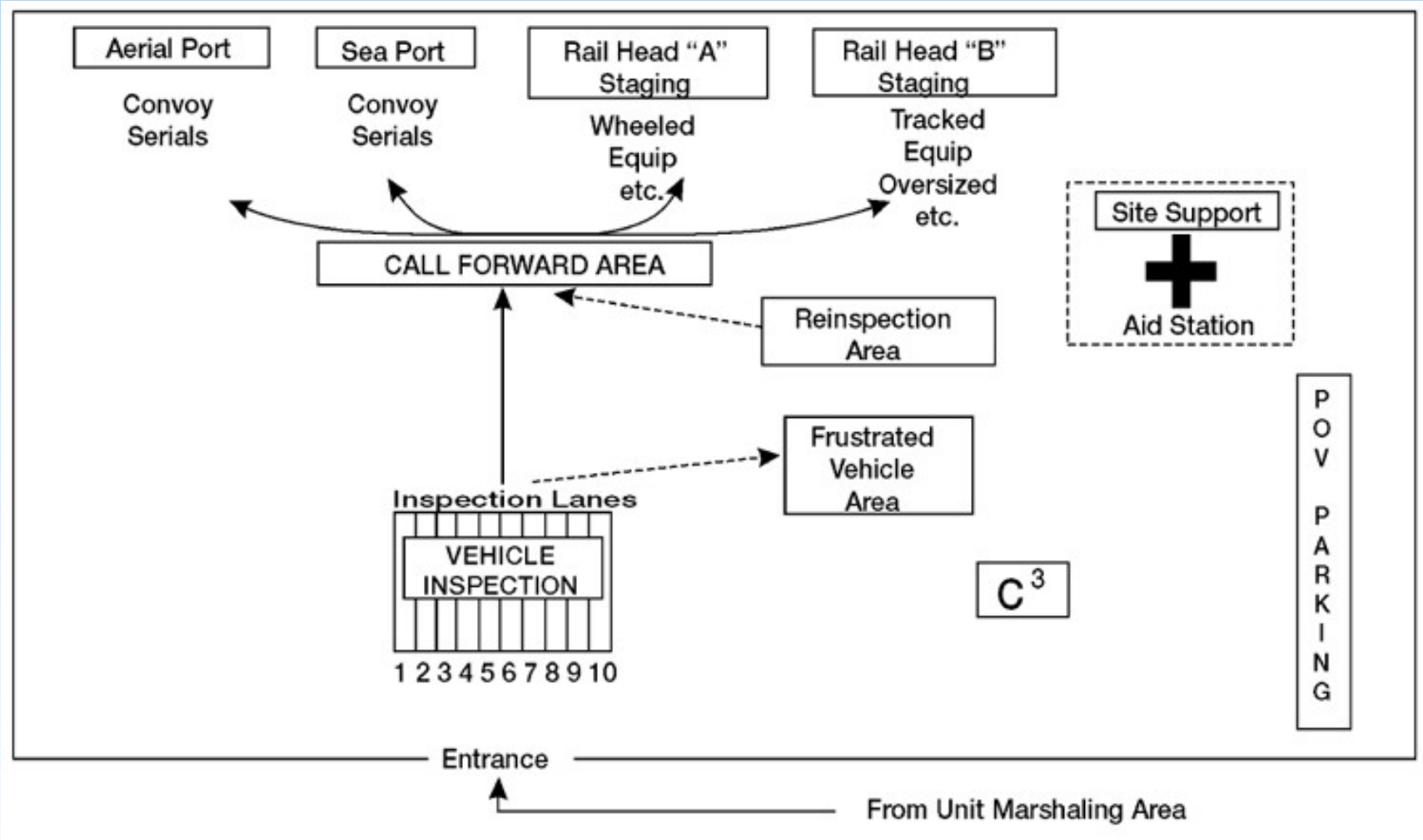
S-4

w/Printer

HHC

w/Printer

Notional Deployment Infrastructure



Hardware requirements are driven by work load and geographic dispersion of work sites

DOL Distribution

	Server	Laptops	Printer	RFI (w/out)	HHI	BCP
OPNS						
Scales						
A/DACG						
Marshall						
Rail						
Total						

Fort Campbell Regional Fielding Distribution Summary

TOE Units Summary

Component	Server C27367	Workstation C27435	Interrogator Set Z52950
Active Army	12	155	27
National Guard	6	18	6
USA Reserves	11	51	18
Total	29	224	51

TDA Summary

SCMPO	Fixed Server	Tower Server	Laptop Server	Laptop	Printer	Bar Code Printer	Hand Held Interrogator	RFI	Solar RFI
Active Army	0	1	0	68	43	28	24	24	1
National Guard	0	0	0	6	6	0	0	0	0
Reserves	0	0	0	3	3	0	0	0	0

Training

New Equipment Training Approach

- Maximum use of Video Tele-Training (VTT)

Utilize existing US Army Distance Training Facilities (DTF)

- An assistant instructor (AI) in each classroom, for setup and trouble-shooting

Maximize number of trainees per delivery

- Currently train up to 80 students at the same time (5 concurrent DTF classes of 16 students each)

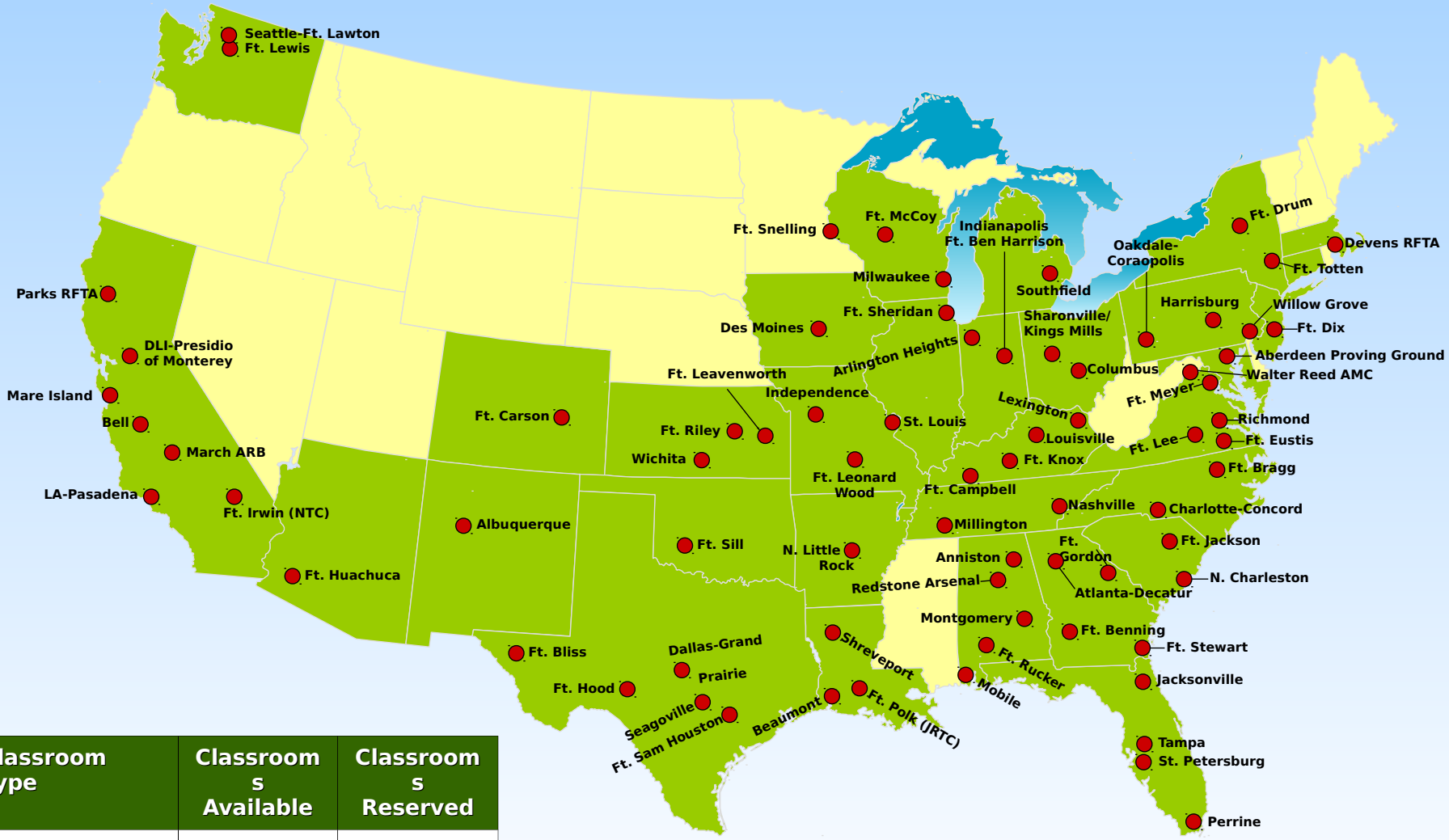
Utilize existing resident training material, with minor VTT-related modification

- Trainees receive same training as a resident course
- Includes an end-of-course exam and an end-of-course evaluation

Augment VTT with Traditional Classroom Delivery

- Currently train up to 20 students per classroom
- Instructor & Assistant per Classroom

Distance Training Facilities



Classroom Type	Classrooms Available	Classrooms Reserved
Distance Learning	4	4
Traditional	2	2

Interactive Multi-Media Training Approach

- Multimedia Training
  - Provides hands-on, self-paced, online training
  - May be accessed from the application via help facilities or in a standalone mode
  - Used as a refresher for trained operators
  - Can be used for new operator under direction of trained supervisor

Scenario Based Training

- Provides a collective training exercise for users to work in their respective roles with the installation or area business process with JPMO provided SME's as exercise leaders and mentors
- Intended to train key users on how to conduct their own collective training
- Provides the installation to validate its intended deployment process
- Includes a scenario, procedures, checklists and descriptive information to exercise the pre-deployment, deployment, and re-deployment of a Brigade size element

Scenario Based Training Participants

SBT Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT, ADACG	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NCARNG STARC	1	SUPPORTING HQS	
NCARNG UNIT	1	DEPLOYING UNIT	

Specific units and UICs to be provided by Gaining Command at NMIB/Site Survey

Block 2 Training Courses

- User Course
  - 10 training days per class
  - 16 students per Distance Learning classroom (20 per traditional classroom)
  - New TC-AIMS II users
  - General allocation is two per workstation
- User Refresher Course
  - 5 training days per class
  - 16 students per Distance Learning classroom (20 per traditional classroom
  - Previously trained TC-AIMS II users
- SA/DBA Course
  - 5 training days per class
  - Max. 10 students per class
  - General allocation 1 per server

General Student Qualifications

- Meet course prerequisites
- Have TIS user account 30 days prior to class
- Establish DL account 14 days prior to class

	Position Category	Civilian	Military	Contractor	Non-U.S. Citizen*
JPMO Staff	IT-I (SA/IA)	SSBI	SSBI	SSBI	SSBI, if approval granted
SA/DBA	IT-II (SA/DBA)	NACI	NACLC	NACLC	NACLC
Users	IT-III (Users)	NACI	NAC	NAC	NAC

On-line Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been
  TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

➢ Provides course information, including training requirements

- Manages class schedule
- Allocates class quotas
- Makes seat reservations
- Records student attendance

Specific class quotas to be determined during site survey

ATRRS Registration Standards

- **<u>60 Days</u>** prior to class start – **classes 30% filled**
  - If not, notice from TIS training coordinator to POC's
- **<u>45 Days</u>** prior to class start – **classes 50% filled**
  - If not, notice from TIS training coordinator identifying potential consolidations or cancellations
- **<u>30 Days</u>** prior to class start – **1st months classes 70% filled with 100% registered students having DL account and Enterprise accounts requested**
  - If not, notice from TIS training coordinator identifying consolidations and cancellations
- **<u>30 Days</u>** prior to subsequent class start – **classes 70% filled with 100% registered students having DL account and Enterprise accounts requested**

Preliminary Training Allocations

	Component	SA/DBA Course	User Course
Number of Students	Active Army	11	253
	National Guard	6	24
	USA Reserves	11	58
	Total Students	**28**	**335**
	Total Classes	**3**	**19**

Requires 2 Traditional and 4 Distance Learning Facilities

TC-AIMS II Fielding Process

Typical Fielding Process

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Week 1	Week 2	Week 3	Week 4
SA/DBA	Refresher Course	SA/DBA	Refresher Course
User Course		User Course	

T R A I N I N G

DATA CONVERSION TEAM

TC-ACCIS

Equipment Data

WYHUAA
WRUYAA

ITO

WV5HAA
WS47AA
WAZTAA

SIDPER

Personnel Data

Organize by Chain of Command and Server

UIC Files

Server

WYHUAA
WRUYAA
WV5HAA
WS47AA
WAZTAA

ISSUE EQUIPMENT

INSTALLATION

SBT

Ship From Vendor

INSTALLATION TEAM

Laptops

Server

AIT

Verify Equipment

BN WYHUAA — S3 S4 — Companies

BN WV5HAA — S3 S4 — Companies

BN WAZTAA — S3 S4 — Companies

PBO-UMO/UMC-HazMat-SIDPERS

Fielding Planning Process

Actions Between Now/Fielding

- JPMO TIS order equipment 90 days prior to first training class
- Register students in ATRRS at least 30 days before training class
- Establish local administrator accounts NLT 90 days prior to start of fielding
- Local administrator submit bulk registration of for users NLT 60 days prior to the start of training

TIS Key Personnel

https://www.tis.army.mil/

Project Manager

Mr. Robert Morris (703) 752-0755

Deputy Project Manager

Mr. Lee DeArmond (703) 752-0756

Technical Directorate

Ms. Jean Price (703) 752-0775

Director of Business Management

Ms. Linda Young (703) 752-0758

Director of Integrated Logistics Support and Fielding

Mr. Doug Garrell (703) 752-0759

Deputy Director of Integrated Logistics Support and Fielding

Vacant

Chief, ILS Division

MAJ Wilbert Bryant (703) 752-0888

Chief, Fielding Division

MAJ Darrell Bennis (703) 752-0810

Service Functional Experts

Mr. Bill Dunn (USA) (703) 752-0854

Vacant (USMC)

Vacant (USN)

MAJ Joseph Yates (USAF) (703) 752-0847

To download a copy of this briefing go to **https://www.tis.army.mil/arch-briefings.htm**

Workshop

Workshop Participants

- CSS/AMO
- Logistics Officer
- Director of Logistics
- TC ACCIS Manager
- RRC representative
- Force Integration Officer
- Mobility Warrant Officer
- STARC representative
- Installation Transportation Officer
- Director of Information Management
- Personnel/SIDPERS representative
- Major unit training coordinator (AC, RC, NGB)

Workshop

- Identify equipment distribution and organization structure by UIC
- Capture MoA information
- Identify shipping location
- Data completion requirements
- Training schedule and student load
- Identify units to participant in SBT
- Local admin workshop requirements
- Identify facilities for equipment storage and setup
- Identify user and student qualification and registration
- Identify necessary detail to assist in equipment setup